

Gutter Foam



Technical Data Sheet (TDS)

Product description

Gutter Foam is designed for use in residential and commercial gutter systems. It prevents leaves, debris, and pests from entering and clogging gutters while allowing unrestricted water flow.

Gutter Foam is made of open cell soft Polyurethane (PU) foam through netting treatment. Netting treatment (blasting) removes the original film between the networks and obtains the main reticulated skeleton structure which makes it obtains high air permeability, super resilience and high mechanical strength.

Material Properties:

Material: open cell soft Polyurethane (PU) foam

Density: 1-3/8 lbs/cu-ft(22kg/m3)

Tensile Strength: 88Kpa

Elongation at Break: ≤145%

Air Permeability: 95%

Operating temperature range: -50°C to +110°C

Colours: Black

Product Features

- Keeps gutters clear – prevents leaves, debris, and pests from blocking water flow.
- Uninterrupted water drainage – allows rainwater to filter through while keeping out larger debris.
- Easy DIY installation – simply cut to length and insert into the gutter, no tools required.
- Low maintenance – reduces the need for regular gutter cleaning.
- Fits most gutters – flexible and compressible to suit standard profiles.

Product Application

Gutter Foam is typically applied to in residential and commercial gutter systems. It's ideal for areas with high leaf fall or debris. Suitable for both new and existing gutter installations.

Installation Guidelines:

1. **Clean the Gutter**
Remove all leaves, dirt, and debris. Ensure the gutter is dry and free from damage.
2. **Measure and Cut**
Trim the foam to fit the length of the gutter using a utility knife or scissors.
3. **Insert the Foam**
Place the foam into the gutter channel so it sits snugly and level with the top edge. Do not compress.
4. **Join Pieces**
Butt foam sections closely together. For corners, cut to fit neatly.
5. **Check Water Flow**
Test with water to ensure proper drainage and secure positioning.
6. **Maintenance**
Inspect twice yearly and clean or replace if blocked or deteriorated

Product Information

Detail	Notes	Test method
Material	Open cell Polyurethane Foam	
Density	1-3/8 lbs/cu-ft(22±2kg/m3)	JIS K6500
Surface Hardness	80±8	
Wind resistance rate	≤90 PA	
Air Permeability	95%	Lab test
Aperture size	30PPI, ±5 PPI	Lab test
IFD	110 @40%, 180@65%	GBT/3854
Tensile Strength	88KPA	GB/T6344-2008
Tearing Strength	≤7.8N/cm	GB/T10808-2006)
Elongation at break	≤145%	ISO 1798
Compression permanent deformation	≤6%	@75%
Resilience	45%	GB/T 6670-2008
Acid & Alkali resistant	5.0~8.0	PH
Antimicrobial	Excellent	Anti mold, Anti fungal
Combustion Performance	HBF, HF-1, HF-2	UL94
Reach regulation	Complies	SVHC 247
PAHs	Complies	AFPS GS 2019:01PAK
RoHS regulations	Complies	2011/65/EU EU2015/863
Operating temperature	-50°C to +110°C	Lab test
The air flow rate unit is cbm/min,.	18 cbm/min	Test

Product code	Name	Colour	Length
E6GF15	AIRFLO GUTTER FOAM TRIANGLE 150MM BASE	Black	1Metre
E68G15C	AIRFLO GUTTER FOAM 150MM BASE 12 PACK CARTON	Black	12 pack (12 metres)



For more information on Tetral products please visit our website at www.tetral.co.nz

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